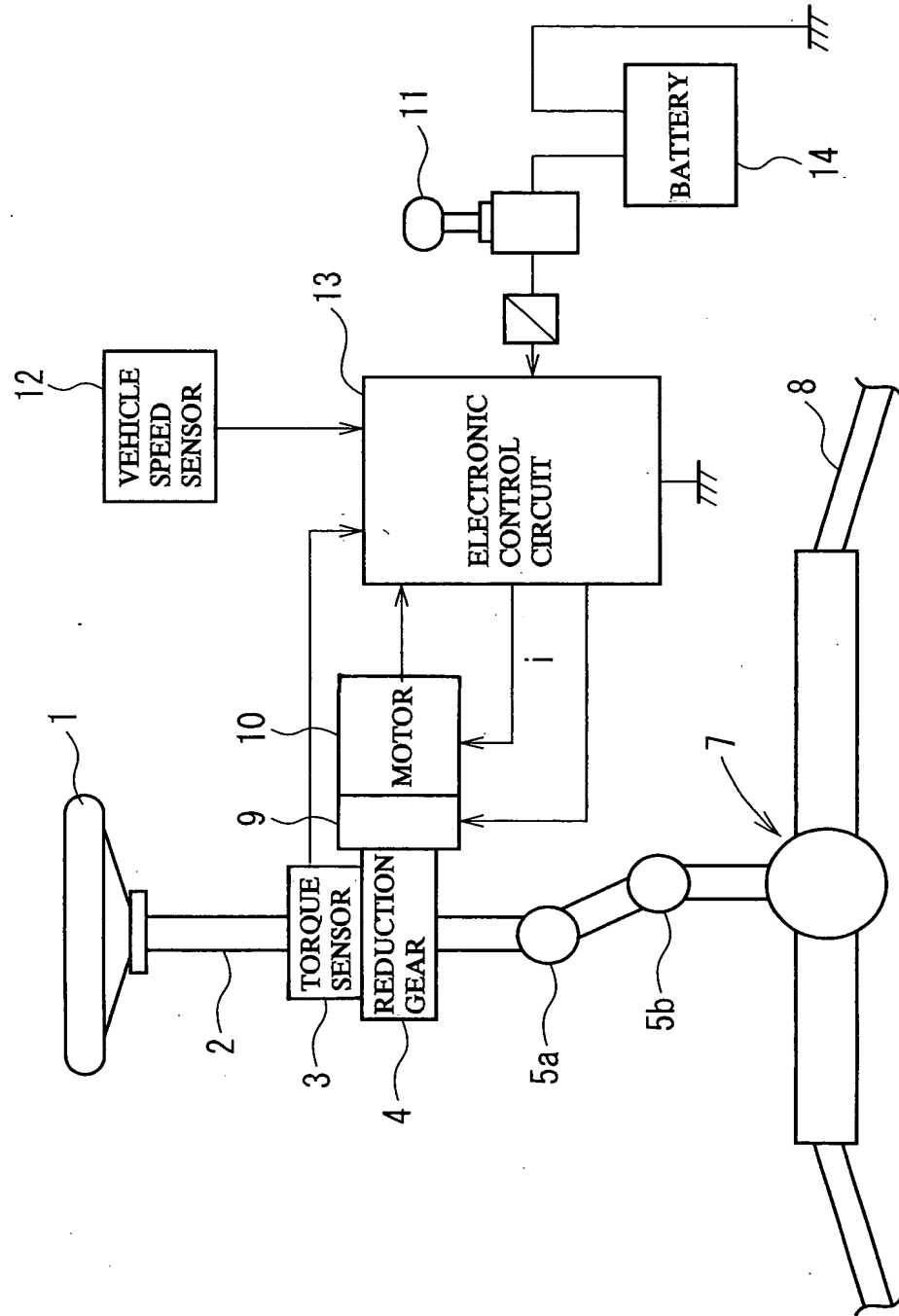


Fig. 1



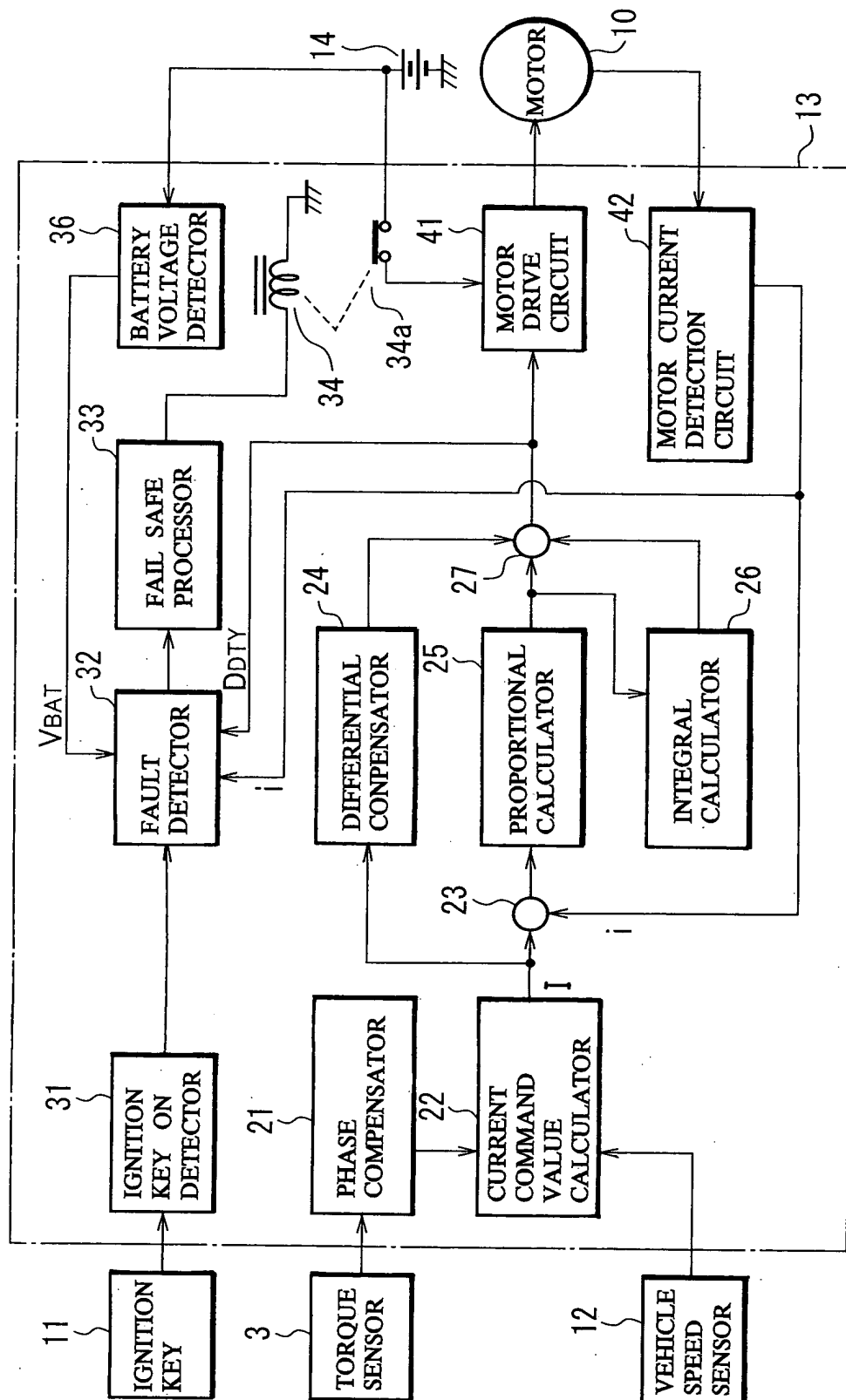


Fig. 3

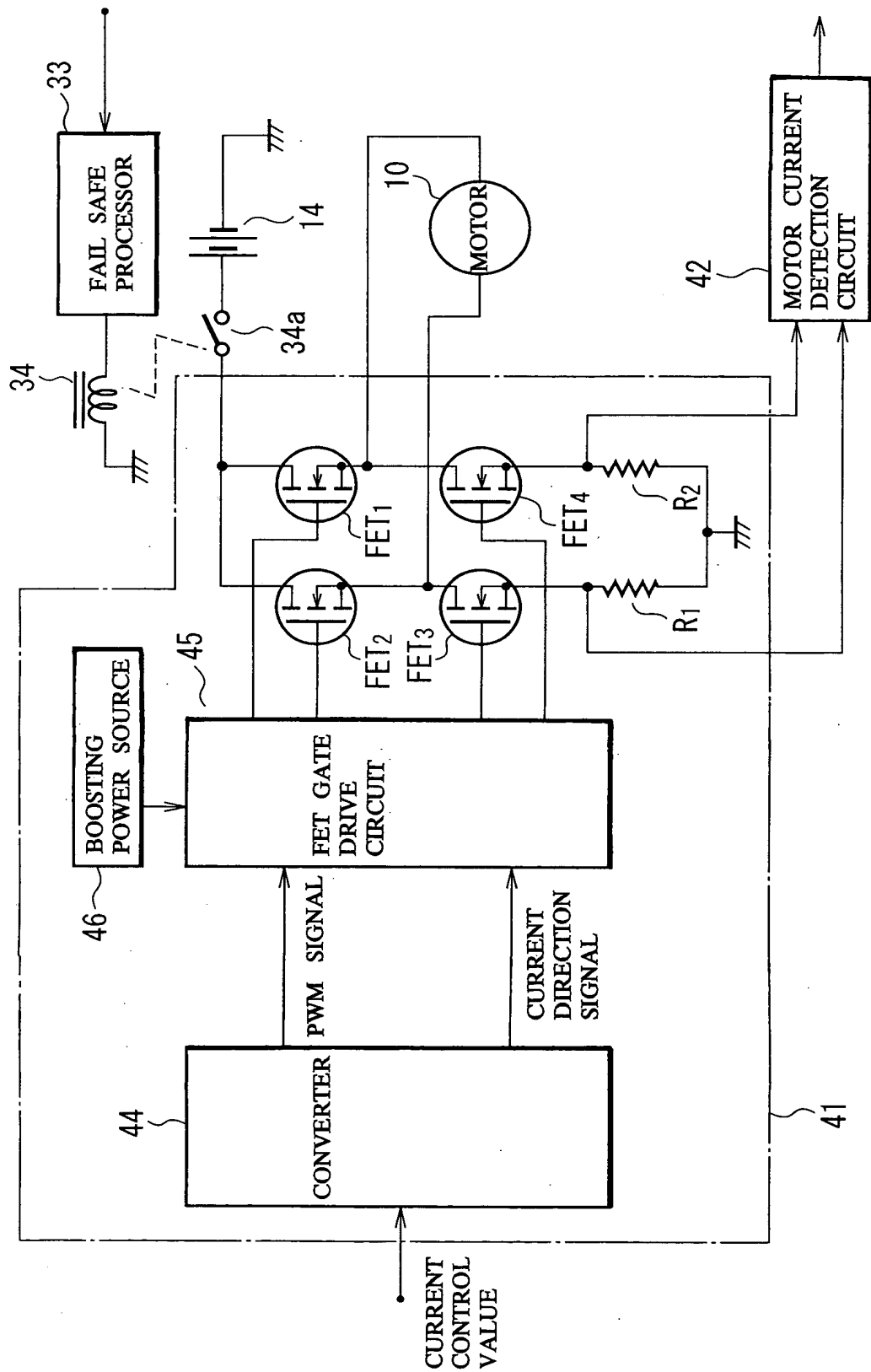


Fig. 4(a)

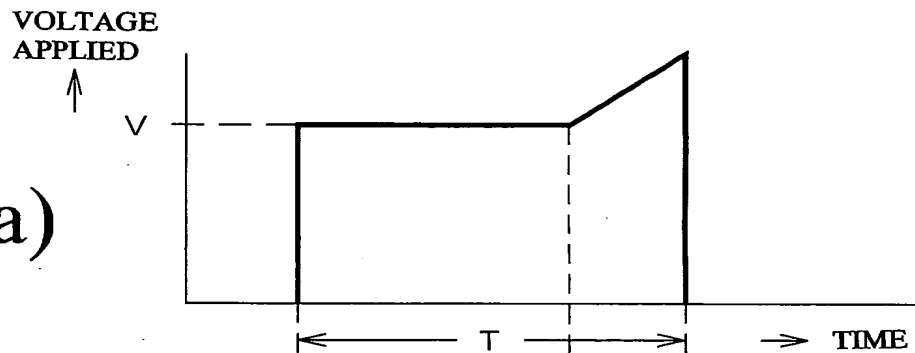


Fig. 4(b)

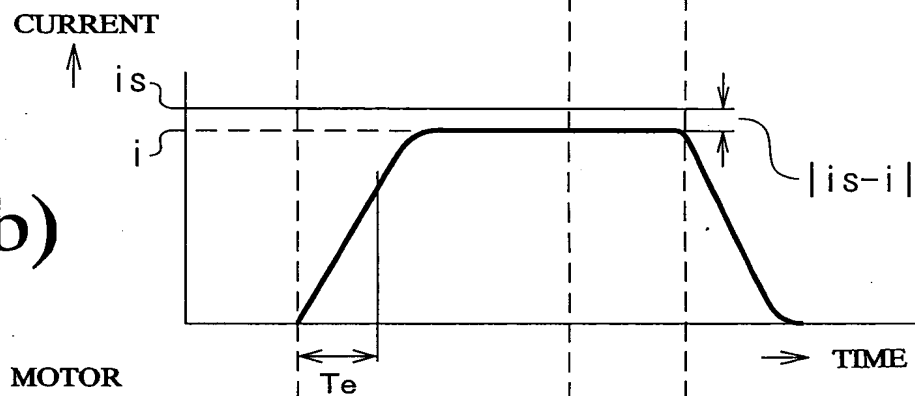


Fig. 4(c)

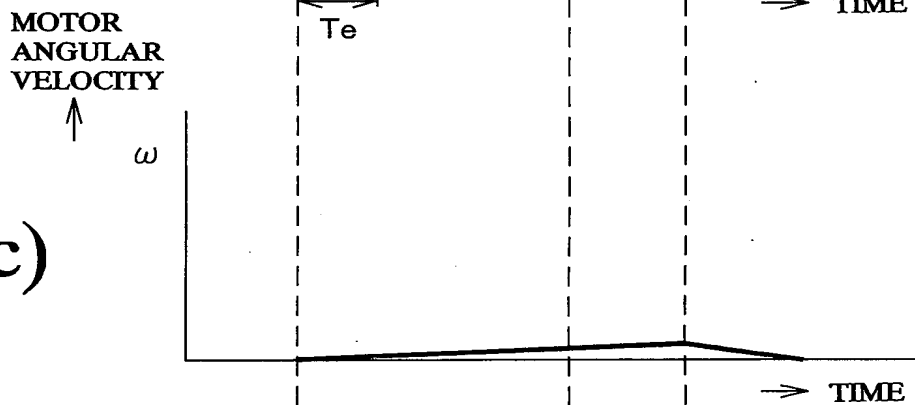
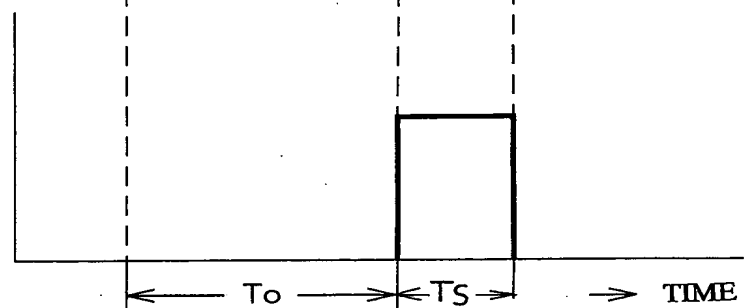


Fig. 4(d)



TIMING FOR  
 SAMPLING  
 MOTOR CURRENT

Fig. 5(a)

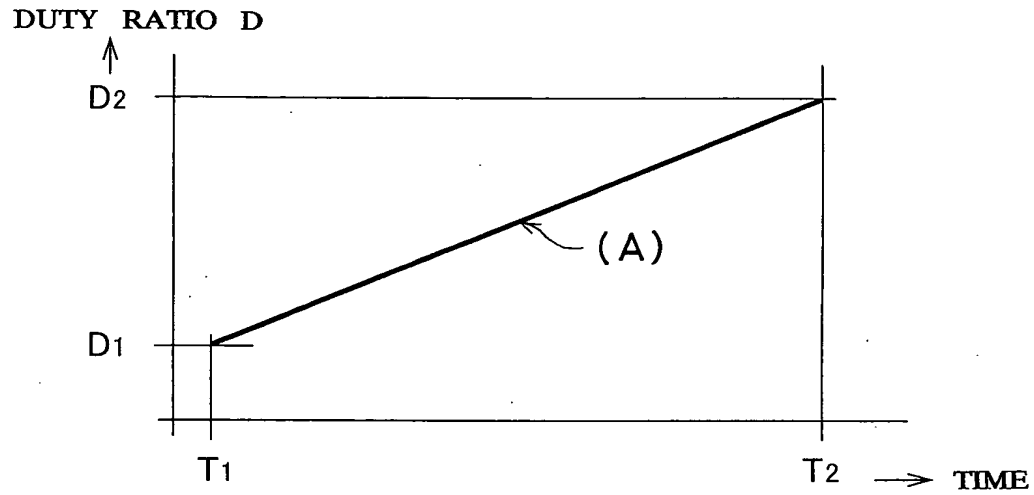


Fig. 5(b)

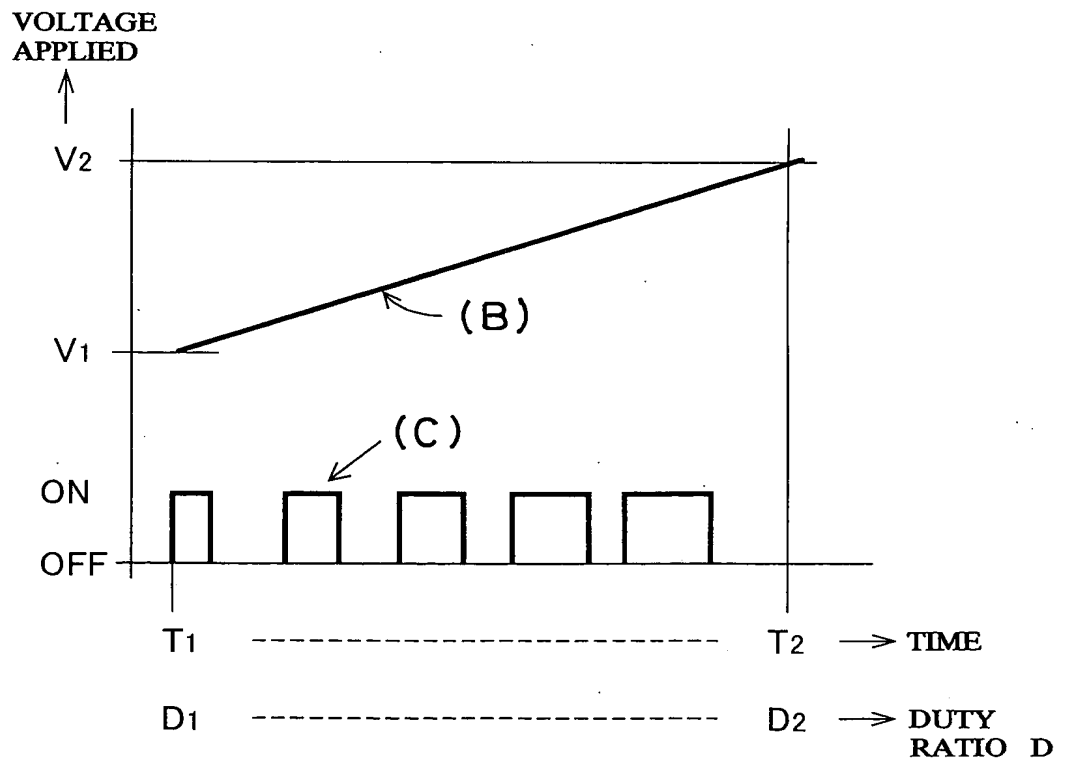


Fig. 6(a)

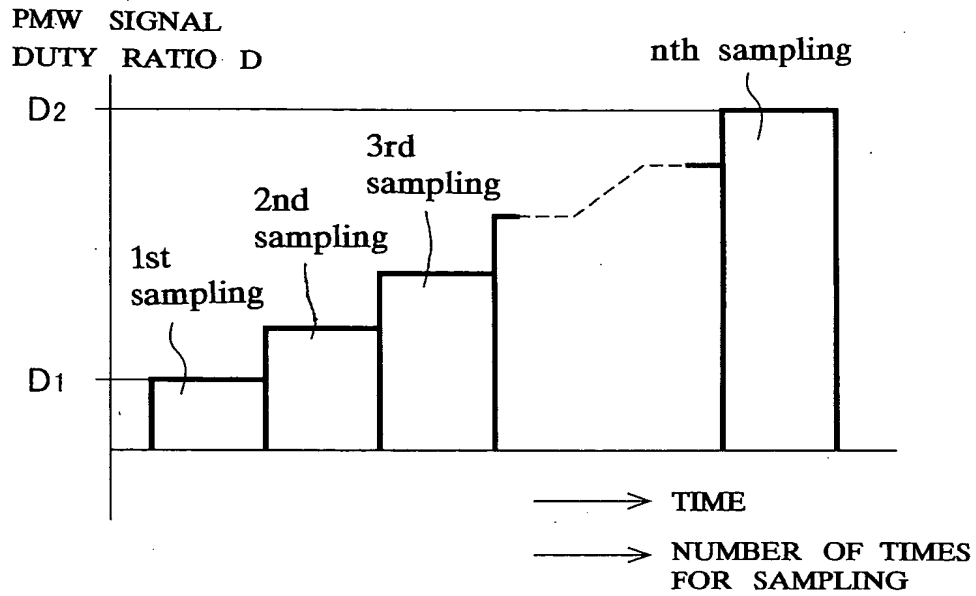


Fig. 6(b)

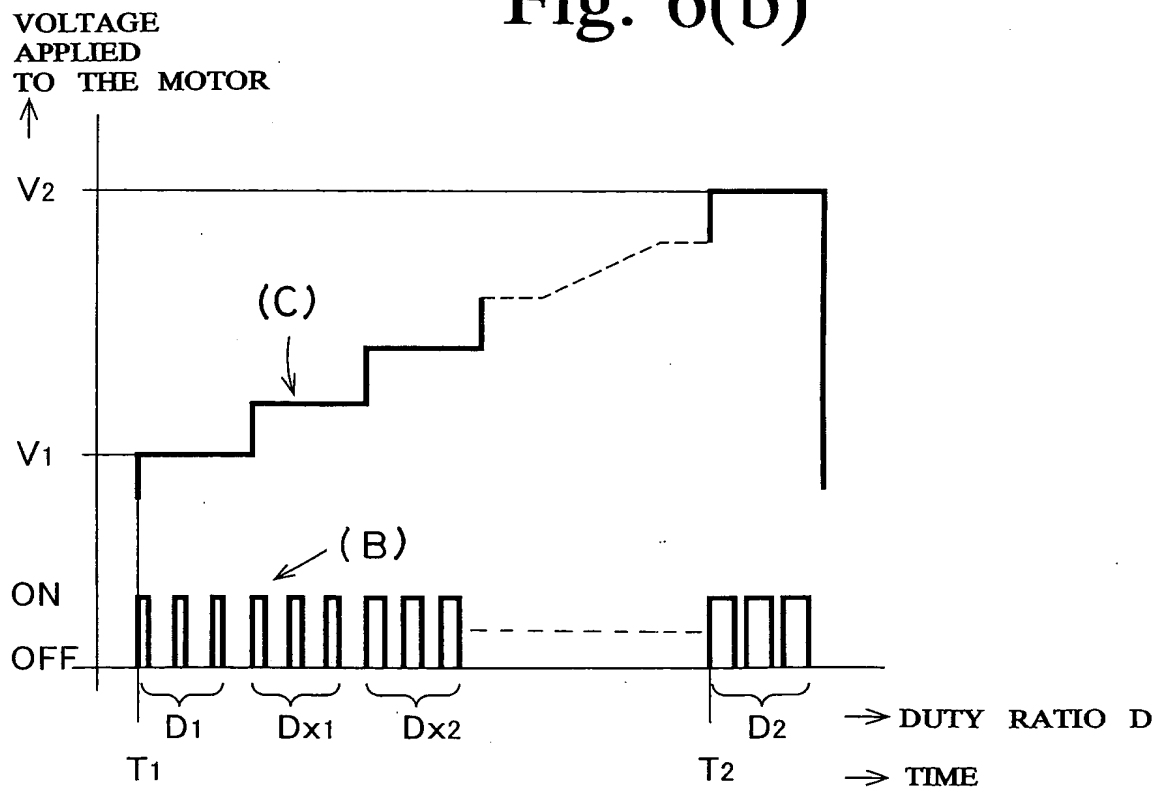
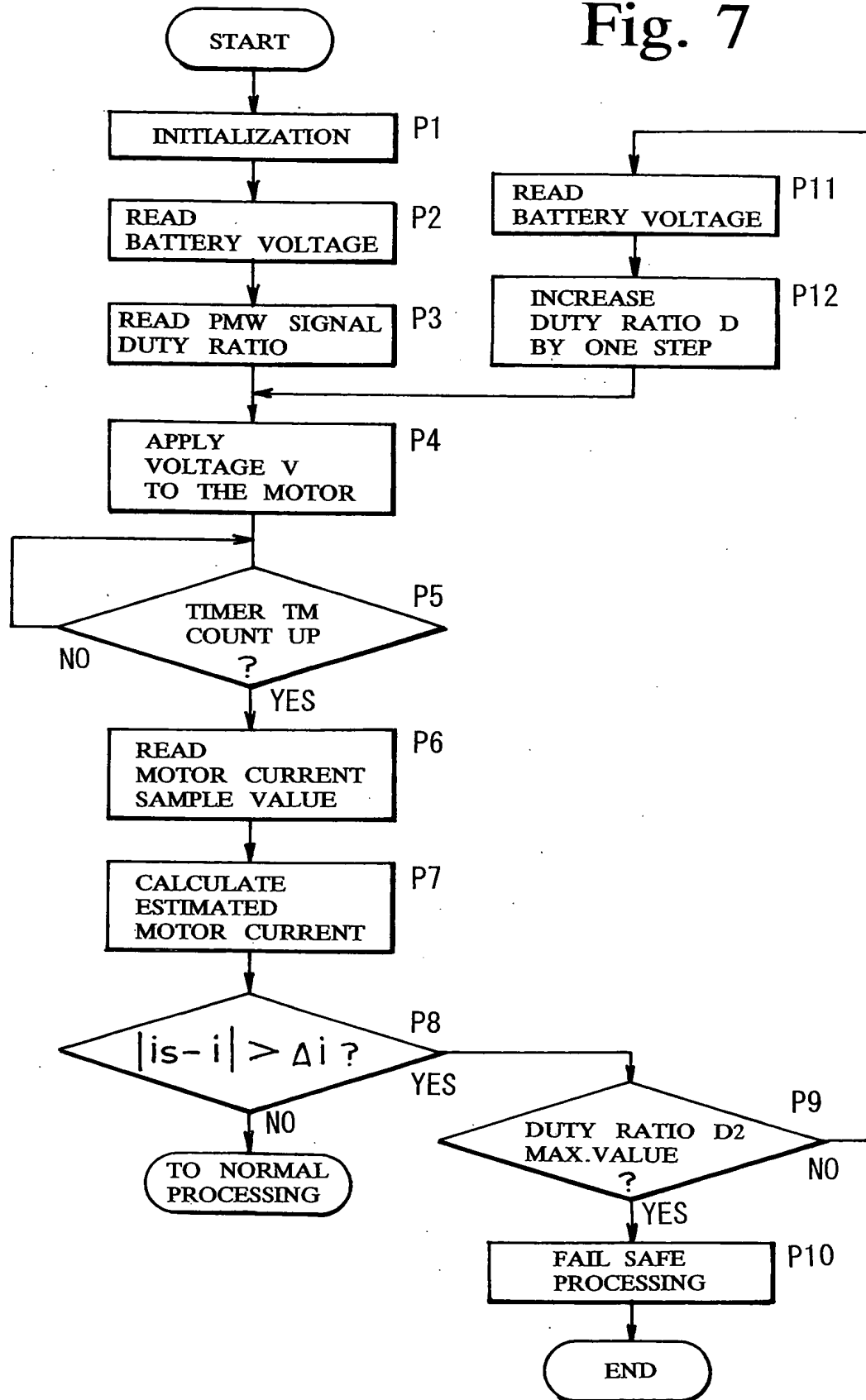


Fig. 7



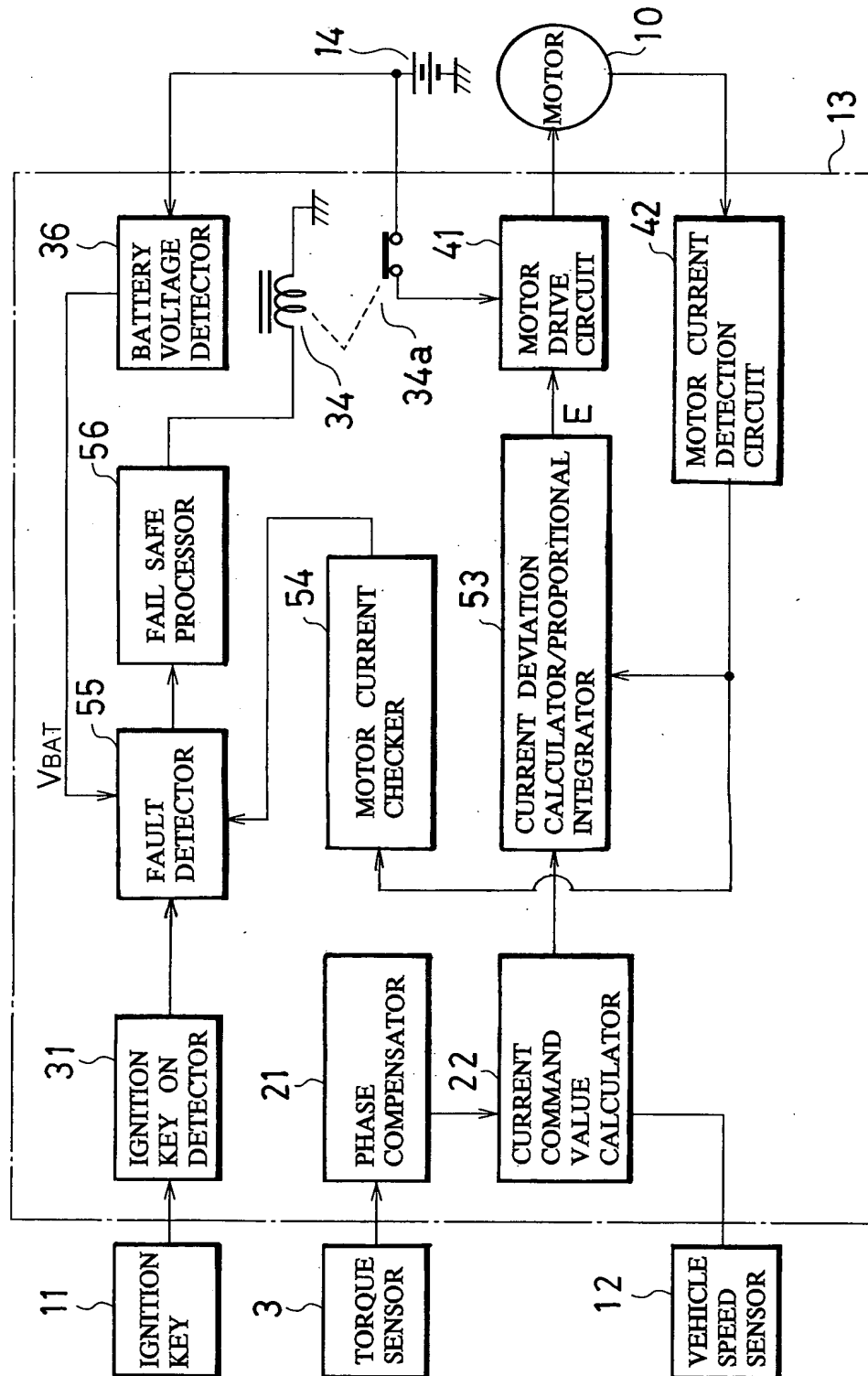




Fig. 9(a)

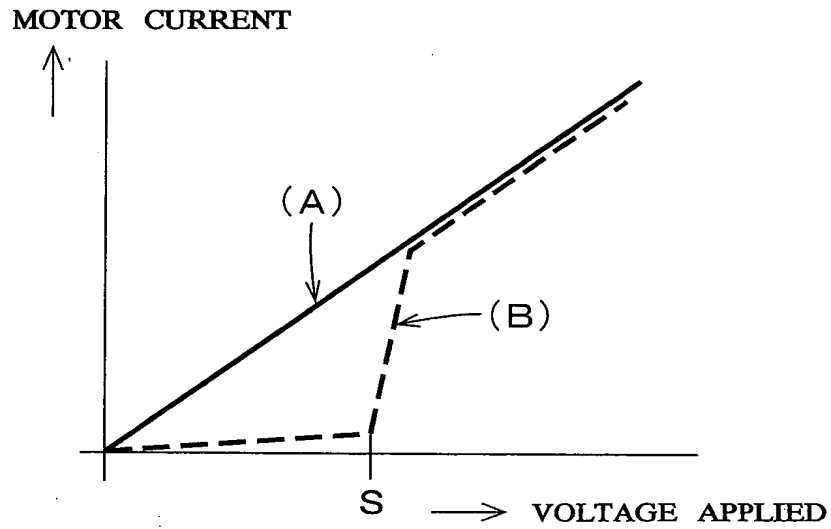


Fig. 9(b)

